

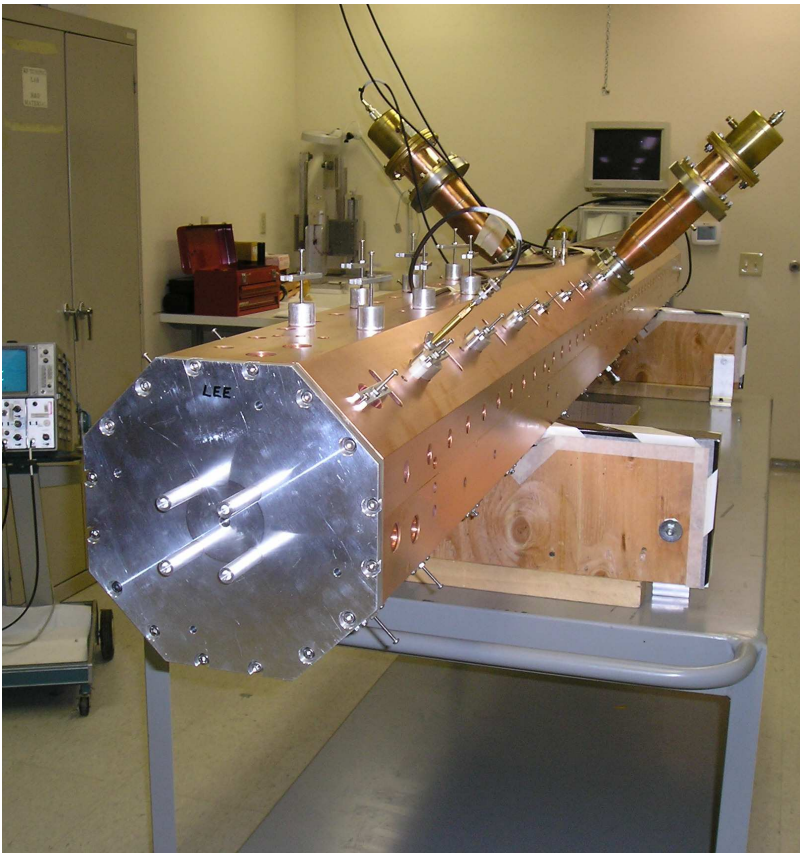
# Status of RFQ tuning - 2

Gennady Romanov

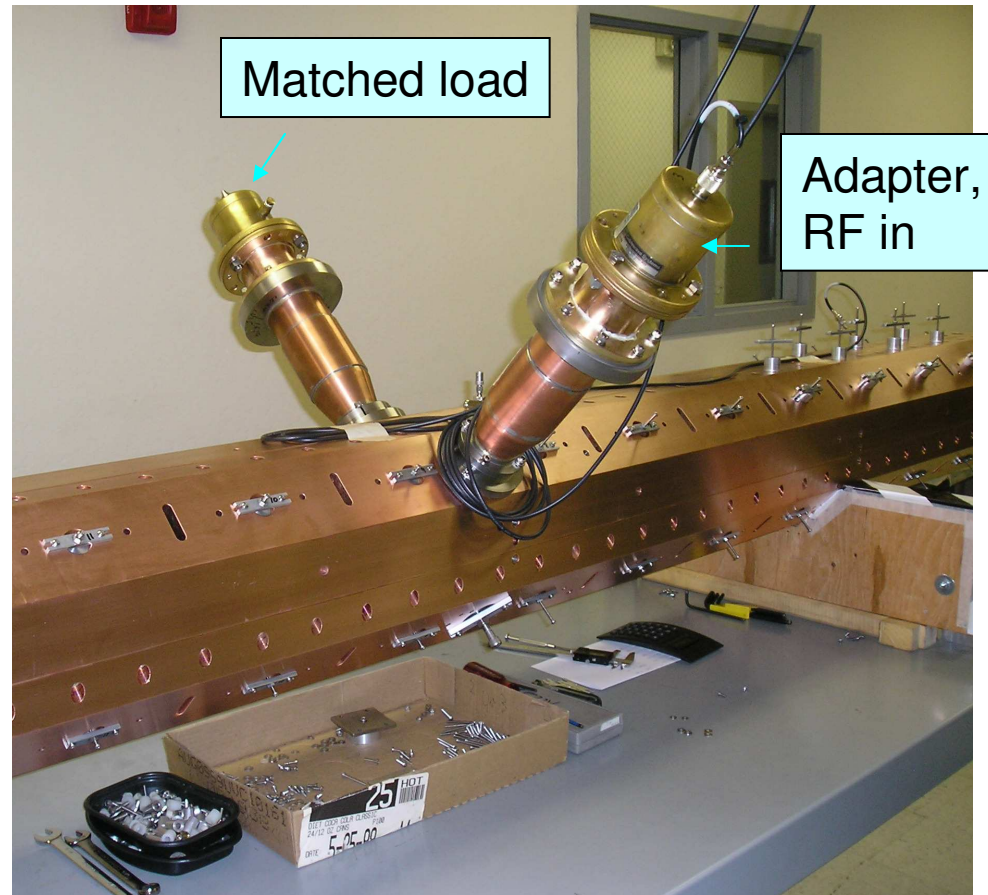
May 29, 2008

### AccSys plan:

- Complete rough tuning and set resonator frequency. ✓
- Preliminary install and check of drive loops. ✓
- Final installation of the pickup loops
- Complete final tuning

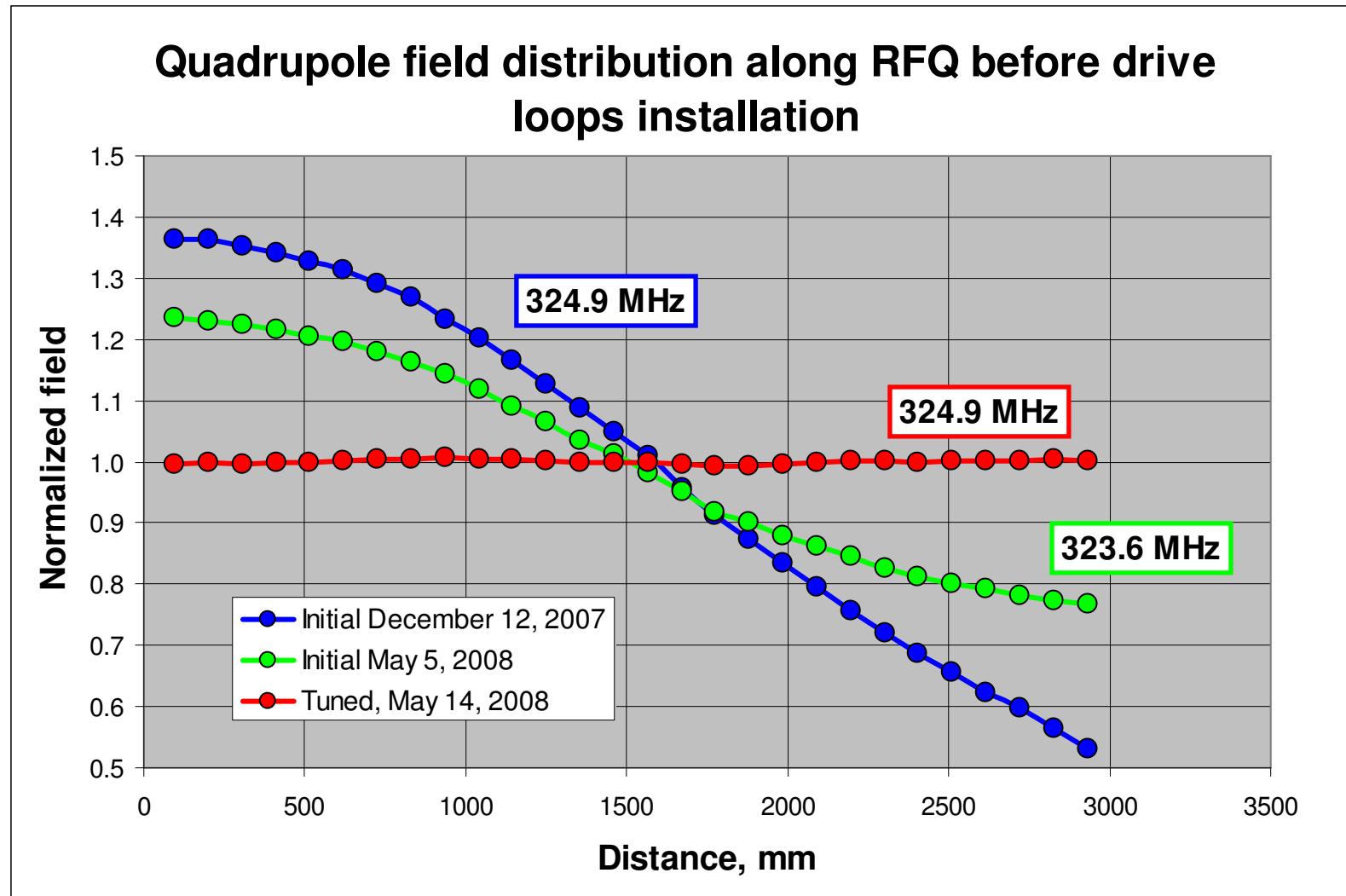


May 29, 2008

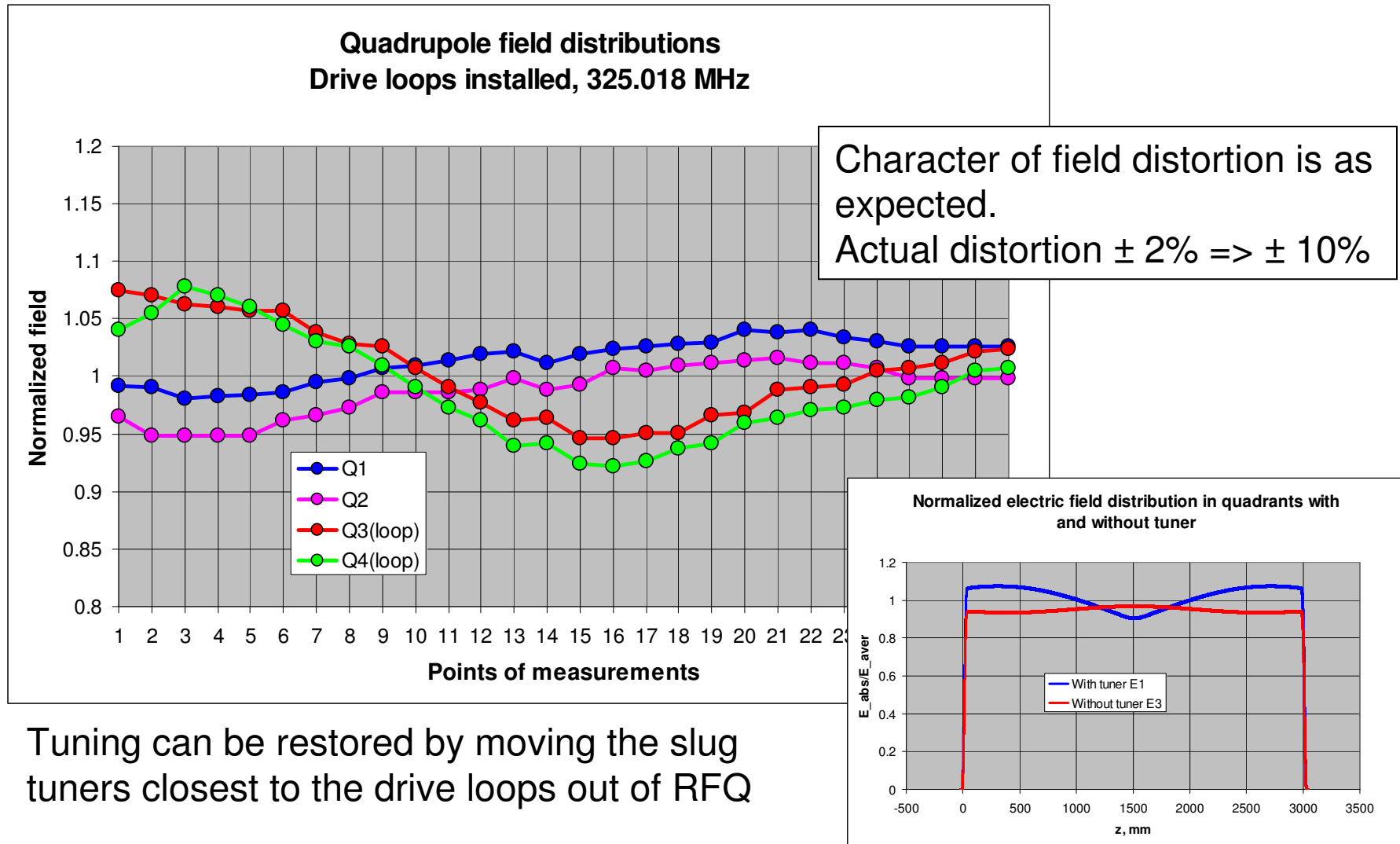


Gennady Romanov

End-wall tuners and slug tuners are installed. Field flatness and symmetry  $< \pm 2\%$ , operating frequency 324.9 MHz, dipoles are 5-6 MHz away (needs to be verified). Basically a perfect tuning can be achieved.



## Measurements after drive loops installation



Tuning can be restored by moving the slug tuners closest to the drive loops out of RFQ

# Conclusion

- Everything seems to be OK with tuning
- Final bead pull. Gregg Kobliska's guess is the week of June 9 or 16.